Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1 – 50. (Cancelled).

51.   (Currently Amended) The method of claim ~~19~~ 54, in which the capacitors comprise drain-source connected P-type MOSFET capacitors.

52.   (Previously Presented) The method of claim 51, further comprising using a low pass filter to generate a bias voltage to bias the drains and sources of the P-type MOSFET capacitors.

53.   (Cancelled) The method of claim 19 in which initializing the set of control signals comprises initializing the set of control signals based on values stored in a basic input/output system (BIOS).

54.   (Previously Presented)~~The method of claim 53,~~ A method of generating a time signal comprising:
          initializing a set of control signals in which initializing the set of control signals comprises initializing the set of control signals based on values stored in a basic input/output system (BIOS);
          generating a system time signal using a real time clock circuit that has a tunable oscillator for adjusting an operation frequency of the real time clock circuit, the tunable oscillator having a set of capacitors that can be independently selected based on the set of control signals;
          receiving a reference time signal over a network; and

<u>after the initializing, adjusting the set of control signals to modify a selection of a subset</u>

<u>of the capacitors in the tunable oscillator to increase or decrease the operating frequency</u>

<u>of the real time clock circuit in response to a difference between the system time signal</u>

<u>and the reference time signal; and</u>

setting a flag to indicate whether, after rebooting of an electronic device that includes the real time clock, the set of control signals need to be initialized.

55.   (Previously Presented) The method of claim 54, further comprising, after rebooting the electronic device and initializing the set of control signals, setting the flag to indicate that the control signals do not need to be initialized the next time the electronic device is rebooted.